

Contents

- Aleinkoff JN, Williams IS, Compston W, Stuckless JS, Worl RG: Evidence for an Early Archean component in the Middle to Late Archean gneisses of the Wind River Range, west-central Wyoming: conventional and ion microprobe U-Pb data 198-206
- Angoua S → Barbey P 207-219
- Arai S, Takahashi N: Formation and compositional variation of phlogopites in the Horoman peridotite complex, Hokkaido, northern Japan: implications for origin and fractionation of metasomatic fluids in the upper mantle 165-175
- Arakawa Y, Takahashi Y: Strontium isotopic and chemical variations of the granitic rocks in the Tsukuba district, Japan 46-56
- Arndt NT, Teixeira NA, White WM: Bizarre geochemistry of komatiites from the Crixás greenstone belt, Brazil 187-197
- Babcock RS, Misch P: Origin of the Skagit migmatites, North Cascades Range, Washington State 485-495
- Bacon CR → Druitt TH 245-259
- Barbey P, Bertrand J-M, Angoua S, Dautel D: Petrology and U/Pb geochronology of the Teloahat migmatites, Aleksod, Central Hoggar, Algeria 207-219
- Barnes SJ: Are Bushveld U-type parent magmas boninites or contaminated komatiites? 447-457
- Baur H → Blanckenburg F v 1-11
- Bertrand J-M → Barbey P 207-219
- Bettenay LF → Bickle MJ 361-376
- Bickle MJ, Bettenay LF, Chapman HJ, Groves DI, McNaughton NJ, Campbell IH, Laeter JR de: The age and origin of younger granitic plutons of the Shaw Batholith in the Archean Pilbara Block, Western Australia 361-376
- Binder G, Troll G: Coupled anion substitution in natural carbon-bearing apatites 394-401
- Blanckenburg F v, Villa IM, Baur H, Morteau G, Steiger RH: Time calibration of a PT-path from the Western Tauern Window, Eastern Alps: the problem of closure temperatures 1-11
- Blattner P, Cheng-wei J, Yong X: Oxygen isotopes in mantle related and geothermally altered magmatites of the Transhimlayan (Gangdese) ranges 438-446
- Bohlen SR → Mezger K 136-148
- Bryan WB → Reid, JB Jr 318-325
- Campbell IH → Bickle MJ 361-376
- Chapman HJ → Bickle MJ 361-376
- Cheney JT → Spear FS 149-164
- Cheng-wei J → Blattner P 438-446
- Chopin C → Paquette J-L 280-289
- Compston W → Aleinkoff JN 198-206
- Covey-Crump SJ, Rutter EH: Thermally-induced grain growth of calcite marbles on Naxos Island, Greece 69-86
- Cumbest RJ, Drury MR, Roermund HLM, van, Simpson C: Dynamic recrystallization and chemical evolution of clinopyroxene from Senja, Norway 339-349
- Dautel D → Barbey P 207-219
- Demarchi G → Princivalle F 131-135
- DePaolo DJ → Musselwhite DS 19-29
- Dobosi G: Clinopyroxene zoning patterns in the young alkali basalts of Hungary and their petrogenetic significance 112-121
- Droop GTR → Wayte GJ 426-437
- Druitt TH, Bacon CR: Petrology of the zoned calcalkaline magma chamber of Mount Mazama, Crater Lake, Oregon 245-259
- Drury MR → Cumbest RJ 339-349
- Essene EJ → Petersen EU 350-360
- Faure G → Mauche R 12-18
- Ferry JM: Contact metamorphism of roof pendants at Hope Valley, Alpine County, California, USA. A record of the hydrothermal system of the Sierra Nevada batholith 402-417
- Franceschelli M, Mellini M, Memmi I, Ricci CA: Sudoite, a rock-forming mineral in Verrucano of the Northern Apennines (Italy) and the sudoite-chloritoid-pyrophyllite assemblage in prograde metamorphism 274-279
- Gilotti JA: Reaction progress during mylonitization of basaltic dikes along the Särvi thrust, Swedish Caledonides 30-45
- Glazner AF → Ussler W III 232-244
- Groves DI → Bickle MJ 361-376
- Gwinn R, Hess PC: Iron and titanium solution properties in peraluminous and peralkaline rhyolitic liquids 326-338
- Hanson GN → Mezger K 136-148
- Hanson GN → Walker RJ 290-300
- Hess PC → Gwinn R 326-338
- Hoefs J → Mauche R 12-18
- Hunter DR → Wilson AH 301-317
- Ikeda Y, Yuasa M: Volcanism in nascent back-arc basins behind the Shichito Ridge and adjacent areas in the Izu-Ogasawara arc, northwest Pacific: evidence for mixing between E-type MORB and island arc magmas at the initiation of back-arc rifting 377-393
- James D → Maalee S 176-186
- Jones LM → Mauche R 12-18
- Laeter JR de → Bickle MJ 361-376
- Maalee S, Tumyr O, James D: Population density and zoning of olivine phenocrysts in tholeiites from Kauai, Hawaii 176-186
- Maniar P → Navrotsky A 122-130
- Marcotty LA → Petersen EU 350-360
- Mauche R, Faure G, Jones LM, Hoefs J: Anomalous isotopic compositions of Sr, Ar and O in the Mesozoic diabase dikes of Liberia, West Africa 12-18
- McCormick TC: Partial homogenization of cryptoperthites in an ignimbrite cooling unit 104-111
- McCurry M → Musselwhite DS 19-29
- McNaughton NJ → Bickle MJ 361-376
- Mellini M → Franceschelli M 274-279
- Memmi I → Franceschelli M 274-279
- Mezger K, Hanson GN, Bohlen SR: U-Pb systematics of garnet: dating the growth of garnet in the Late Archean Pikwitonei granulite domain at Cauchon and Nawaahunan Lakes, Manitoba, Canada 136-148
- Misch P → Babcock RS 485-495
- Morteau G → Blanckenburg F v 1-11
- Musselwhite DS, DePaolo DJ, McCurry M: The evolution of a silicic magma system: isotopic and chemical evidence from the Woods Mountains Volcanic Center, eastern California 19-28
- Navrotsky A, Ziegler D, Oestrike R, Maniar P: Calorimetry of silicate melts at 1773 K: measurement of enthalpies of fusion and of mixing in the systems diopside-anorthite-albite and anorthite-forsterite 122-130
- Navrotsky A → Redfern SAT 479-484
- Newton RC → Pattison DRM 87-103
- Oestrike R → Navrotsky A 122-130
- Ohmoto H → Poulson SR 418-425
- Papke JJ → Walker RJ
- Paquette J-L, Chopin C, Peucat J-J: U-Pb zircon, Rb-Sr and Sm-Nd geochronology of high- to very-high-pressure meta-acidic rocks from the western Alps 280-289
- Pattison DRM, Newton RC: Reversed experimental calibration of the garnet-clinopyroxene Fe-Mg exchange thermometer 87-103
- Peacor DR → Petersen EU 350-360
- Petersen EU, Essene EJ, Peacor DR, Marcotty LA: The occurrence of hgbornite in high-grade metamorphic rocks 350-360
- Peterson TD: Peralkaline nephelinites. I. Comparative petrology of Shombole and Oldoinyo L'engai, East Africa 458-478
- Peucat J-J → Paquette J-L 280-289
- Poulson SR, Ohmoto H: Devolatilization equilibria in graphite-pyrite-pyrrhotite bearing pelites with application to magma-pelite interaction 418-425
- Princivalle F, Secco L, Demarchi G: Crystal chemistry of a clinopyroxene series in ultrafemic xenoliths from Northeastern Brazil 131-135

- Rapp RP → Watson EB 220-231
 Redfern SAT, Salje E, Navrotsky A: High-temperature enthalpy at the orientational order-disorder transition in calcite: implications for the calcite/aragonite phase equilibrium 479-484
 Reid, JB Jr, Steig E, Bryan WB: Major element evolution of basaltic magmas: a comparison of the information in CMAS and ALFE projections 318-325
 Ricci CA → Franceschelli M 274-279
 Roermund HLM van → Cumbest RJ 339-349
 Rubie DC → Wayte GJ 426-437
 Rutter EH → Covey-Crump SJ 69-80
- Salje E → Redfern SAT 479-484
 Secco L → Princivalle F 131-135
 Simpson C → Cumbest RJ 339-349
 Smith D → Wittke JH 57-68
 Spear FS, Cheney JT: A petrogenetic grid for pelitic schists in the system SiO_2 - Al_2O_3 - FeO - MgO - K_2O - H_2O 149-164
 Steig E → Reid, JB Jr 318-325
 Steiger RH → Blanckenburg F v 1-11
 Stuckless JS → Aleinikoff JN 198-206
- Takahashi N → Arai S 165-175
 Takahashi Y → Arakawa Y 46-56
- Teixeira NA → Arndt NT 187-197
 Troll G → Binder G 394-401
 Tumyr O → Maalae S 176-186
- Ulmer P: The dependence of the Fe^{2+} -cation-partitioning between olivine and basaltic liquid on pressure, temperature and composition. An experimental study to 30 kbars 261-273
 Ussler W III, Glazner AF: Phase equilibria along a basalt-rhyolite mixing line: implications for the origin of calc-alkaline intermediate magmas 232-244
- Versfeld JA → Wilson AH 301-317
 Vicenzi EP → Watson EB 220-231
 Villa IM → Blanckenburg F v 1-11
- Walker RJ, Hanson GN, Papike JJ: Trace element constraints on pegmatite genesis: Tin Mountain pegmatite, Black Hills, South Dakota 290-300
 Watson EB, Vicenzi EP, Rapp RP: Inclusion/host relations involving accessory minerals in high-grade metamorphic and anatectic rocks 220-231
 Wayte GJ, Worden RH, Rubie DC, Droop GTR: A TEM study of disequilibrium plagioclase breakdown at high pressure: the role of infiltrating fluid 426-437
- White WM → Arndt NT 187-197
 Williams TS → Aleinikoff JN 198-206
 Wilson AH, Versfeld JA, Hunter DR: Emplacement, crystallization and alteration of spinifex-textured komatiitic basalt flows in the Archaean Nondweni greenstone belt, southern Kaapvaal Craton, South Africa 301-317
 Wittke JH, Smith D, Wooden JL: Origin of Sr, Nd and Pb isotopic systematics in high-Sr basalts from central Arizona 57-68
 Wooden JL → Wittke JH 57-68
 Worden RH → Wayte GJ 426-437
 Worl RG → Aleinikoff JN 198-206
- Yong X → Blattner P 436-446
 Yuasa M → Ikeda Y 377-393
- Ziegler D → Navrotsky A 122-130
- Subject-Index V
 List of Locations VII
- Indexed in Current Contents/
 Abstracted in Mineralogical Abstracts*

